



CONFIGURATION MIGRATION UTILITY

# FortiConverter<sup>TM</sup> 4.6

## Release Notes



## FortiConverter™ 4.6 Release Notes

January 7, 2015

### Revision 1

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# Table of Contents

<b>Introduction .....</b>	<b>4</b>
<b>What's new .....</b>	<b>4</b>
<b>System requirements.....</b>	<b>5</b>
<b>Supported vendors .....</b>	<b>5</b>
Alcatel-Lucent Brick .....	5
Check Point.....	5
Cisco IOS .....	5
Cisco PIX/ASA/FWSM.....	5
Juniper.....	5
Palo Alto Networks.....	5
SonicWall NSA .....	5
<b>Supported conversions .....</b>	<b>6</b>
Alcatel-Lucent Brick .....	6
Check Point.....	6
Cisco .....	6
Juniper.....	6
Palo Alto Networks.....	7
SonicWall NSA .....	7
<b>Installation .....</b>	<b>7</b>
<b>Known and resolved issues .....</b>	<b>8</b>

## Introduction

This document provides installation instructions and caveats, resolved issues, and known issues for FortiConverter™ 4.6, build 651.

FortiConverter provides a solution for the conversion of numerous firewall configurations into a FortiOS-compatible format. It currently supports the conversion of Cisco, Check Point, Juniper, SonicWall, Palo Alto Networks and Alcatel-Lucent Brick configurations. A trial version is available, which allows you to perform some functional testing before you buy. This trial version is limited in overall functionality but should prove sufficient for initial product evaluation.

SKU	Description
FC-10-CON01-401-01-12	1-Year Multi-vendor Configuration Conversion Tool (requires MS Windows) to create FortiOS configuration files.
FC-10-CON01-401-02-12	1-Year Renewal Multi-vendor Configuration Conversion Tool (requires MS Windows) to create FortiOS configuration files.

**Note:** If you do not renew the license, functionality reverts to the trial version.

For additional documentation, please visit:

<http://docs.fortinet.com/forticonverter/>

## What's new

The following features are new or enhanced in FortiConverter™ 4.6:

- **FortiGate to FortiGate conversion** — Move a configuration to one or more FortiGate devices using either Migrate or Split VDOMs mode. Migrate mode moves all or some VDOMs within the source configuration to the output configuration. Split VDOMs mode creates an output configuration for each VDOM in the source configuration.
- **Partition and zone selection in Lucent Brick conversions** — You can now select or deselect individual partitions and zones when you convert.
- **Generate NAT rules and mappings from Hide NATs in Check Point conversions** — Use Hide NATs to create the NAT rules and mappings that are specified by the central-nat CLI commands in FortiGate. To use, select *Enable Central NAT merge* on the Start Options page.
- **Auto-generate interface policies using the route table in Check Point conversions** — To use, select *Auto generate policy interfaces* on the Start Options page, and then add a route file on the Firewall Selection page.
- **Export or import interface maps** — You can now save and restore interface assignments.
- **Export or import tuning snapshots** — You can now save post-conversion tuning changes.

## System requirements

FortiConverter is designed to run on the following Microsoft Windows platforms:

- Windows 8 (32/64 bit)
- Windows 7 (32/64 bit)
- Windows Vista (32/64 bit)
- Windows XP (32 bit)

## Supported vendors

FortiConverter can convert firewall configurations from the following vendors:

### Alcatel-Lucent Brick

OS: 9.x

### Check Point

Smart Center with OS NG FP1 (4.0) to NGX R76

Provider-1 with OS NGX R65 to R76

### Cisco IOS

OS: 10.x / 11.x / 12.x / 15.x

### Cisco PIX/ASA/FWSM

PIX: 5.x / 6.x / 7.x / 8.x

ASA: 7.x / 8.x

FWSM: 2.x / 3.x / 4.x

### Juniper

SSG ScreenOS 5.x / 6.x

SRX JunOS 10.x, / 11.x / 12.x

### Palo Alto Networks

PAN OS: 1.x to 6.x

### SonicWall NSA

OS: SonicOS Enhanced 5.x

## Supported conversions

### Alcatel-Lucent Brick

- Partition
- Interface (physical, logical, loopback, PPPoE)
- Address/ address group
- Services/ service group
- Static routes
- Zone rule set

### Check Point

- Interface (physical, logical, loopback, PPPoE)
- Addresses / address group
- Service / service group
- Schedules
- Rule
- NAT (automatic NAT / rule NAT)
- VPN (IPsec)
- Local user / user group
- AAA server (RADIUS / TACACS+ / LDAP)
- Static route

### Cisco

- Interface (physical, logical, loopback, PPPoE, tunnel)
- Address / address group
- IP pool
- Time-range
- DHCP server
- Service / service group
- Static routes
- ACL
- NAT
- VPN (IPSEC, PPTP / L2TP)
- Local user / user group
- AAA server (Radius / TACACS+/LDAP)

### Juniper

- Interface (physical, logical, loopback, PPPoE, tunnel)
- Zone
- DHCP server / client / relay
- Policy
- NAT
- Address / address group / FQDN
- IP pool
- VIP / MIP
- Service/service group
- Static routes
- VPN (IPSEC, PPTP / L2TP)
- Local user / user group

## Palo Alto Networks

- Addresses & Address Groups & FQDNs
- Interfaces
- Local Users & Groups
- NAT (partial)
- Policies
- Schedules
- Static Routes
- Services & Service Groups
- Zones

## SonicWall NSA

- Interface (physical, logical, loopback, PPPoE)
- Zone
- DHCP server / client / relay
- Policy
- NAT
- Address/ address group
- Services/ service group
- Static routes
- Schedule
- Local user / user group

## Installation

Refer to the *FortiConverter User Guide* for installation details. Go to:  
<http://docs.fortinet.com/d/forticonverter-4-6-0-user-guide>

## Known and resolved issues

The resolved issues listed below do not include every bug that has been corrected with this release. For inquiries about a particular bug, please contact the support email alias [fconvert\\_feedback@fortinet.com](mailto:fconvert_feedback@fortinet.com).

Table 1: Resolved Issues

Bug ID	Description
0228316	Juniper: conversion failed on object names that contain "#"
0229445	Netscreen: conversion added extra static routes for each interface
0229539	Netscreen: conversion generated warning message for default service group MGCP
0244628	Cisco ASA: conversion now migrates clear text pre-shared-keys
0254374	Check Point: conversion freezes when FortiManager output is selected
0257546	ConversionEngine.DLL does not load for some installations
0258265	Improved MIP/VIP conversion to handle multiple destination addresses
0261968	Check Point: Fixed bug in object parsing for service and schedule objects
0261969	Check Point: Fixed bug in policy conversion where service was not parsed
0261970	Check Point: Redundant policies from conversion are now removed
0262119	Lucent Brick: Fixed problems with configuration extraction script
0262128	Lucent Brick: Fixed bug that prevented conversion of objects and policies
0263084	Check Point: Fixed bug for conversion of SNAT policies
0263087	Check Point: Fixed bug where conversion was missing VIPs for DNAT policies
0263090	Check Point: Fixed bug where conversion output uses individual addresses instead of address group



